



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: 22-359

Product: 3'-METHOXY-6-METHYLFLAVONE

CAS Number: [88952-78-7]

Lot Number: 1212282

Chemical Formula: C₁₇H₁₄O₃

Molecular Weight: 266.30

Melting Point: 133-134°C

Appearance: Off white powder

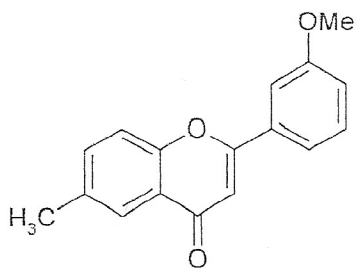
Solubility: Soluble in DMSO

TLC: Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed

Storage: Cool, dry place

Purity(HPLC): 99.75%





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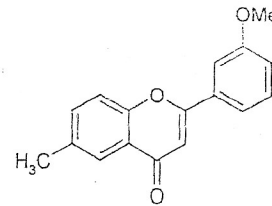
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HPLC ANALYSIS

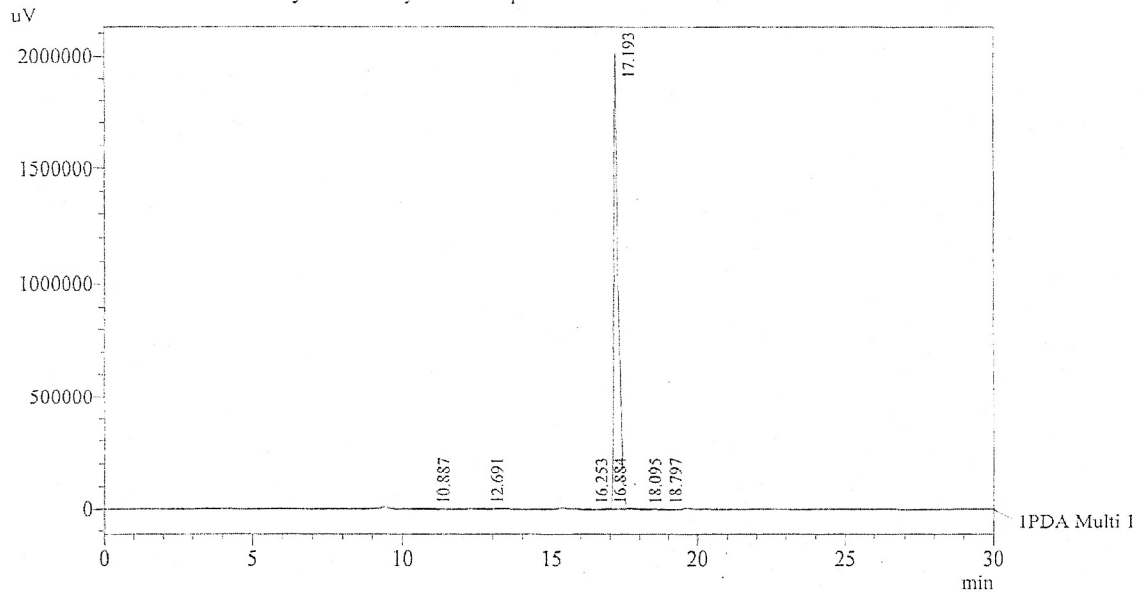
Acquired by : Sanjeev
Sample Name : 6-Methyl-3'-Methoxyflavone
Sample ID : 35gm Lot (Herborganics)
Injection Volume : 20 uL
Data Filename : 121012A.lcd
Method Filename : Linear Gradient.M.lcm

Catalog no.: 22-359
Product name: 3'-Methoxy-6-methylflavone
Lot No.: 1212282

Column : LUNA C-18(2), (250mm x4.6mm 5.0µ)
Flow : 1.000 mL/min.
Mobile Phase : A(0.05% TFA in water) B(Acetonitrile)
0.01 90 10
12.0 10 90
20.0 10 90
23.0 90 10
30.0 90 10



Chromatogram
6-Methyl-3'-Methoxyflavone D:\promonence\Data\2012\OCT-2012\121012A.lcd



1 PDA Multi 1 / 254nm 4nm

PeakTable

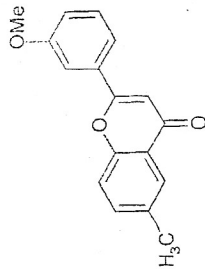
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:10.887	10.887	8814	0.04	0.63
2	RT:12.691	12.691	19693	0.09	0.74
3	RT:16.253	16.253	4425	0.02	0.95
4	RT:16.884	16.884	10673	0.05	0.98
5	6-Methyl-3'-Methoxyflavone	17.193	21175682	99.75	1.00
6	RT:18.095	18.095	4637	0.02	1.05
7	RT:18.797	18.797	4126	0.02	1.09
Total			21228049	100.00	



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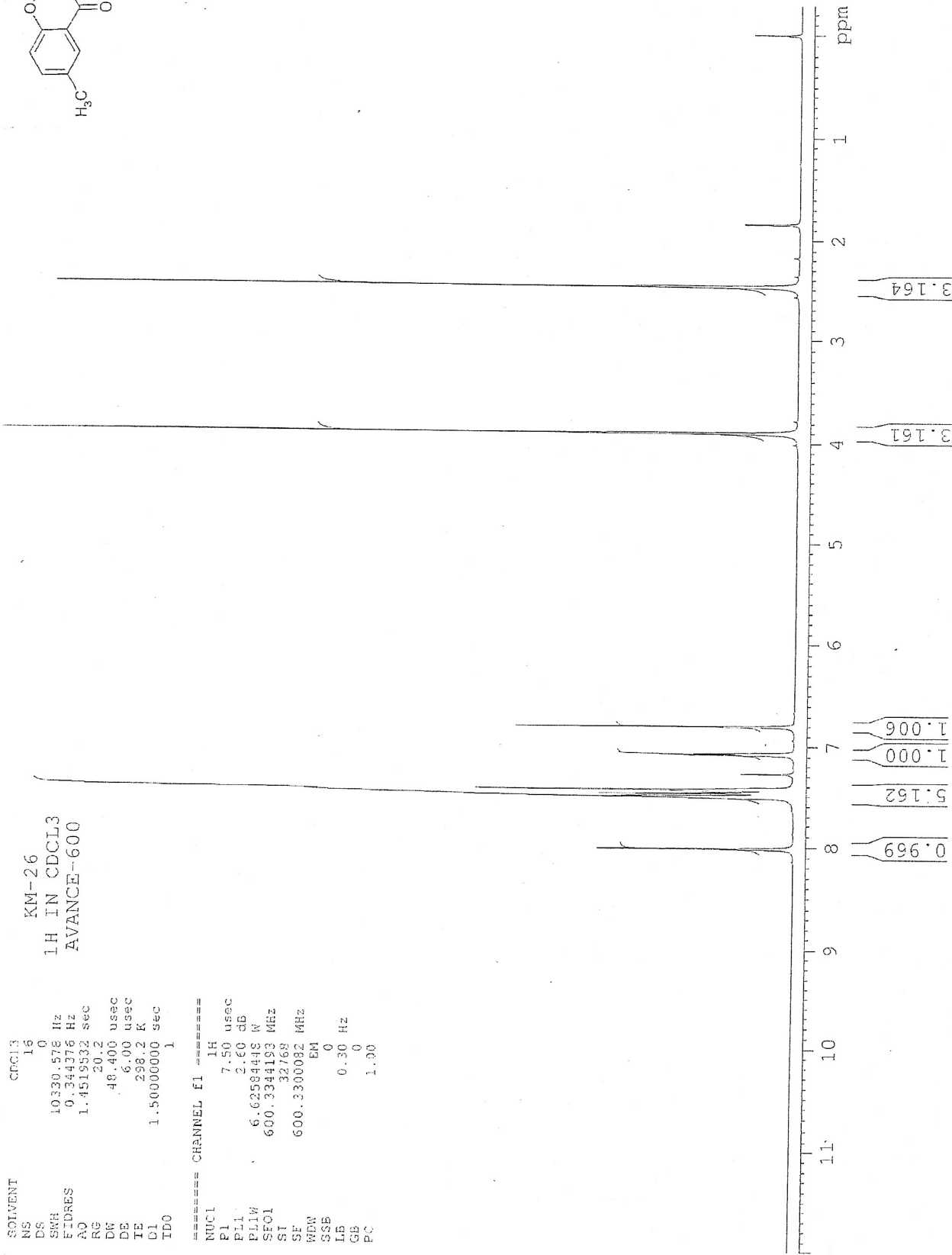
Catalog no.: 22-359

Product name: 3-Methoxy-6-methylflavone
 Lot No.: 1212282



SOLVENT CDCl3
 NS 16
 DS 0
 SRH 10330.578 Hz
 FIDRES 0.344376 Hz
 AQ 1.451532 sec
 RG 20.2
 DR 48.400 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.5000000 sec
 ID0 1

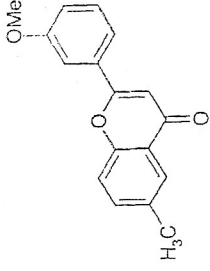
===== CHANNEL F1 =====
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584418 W
 SF01 600.3344193 MHz
 ST 32768
 SF 600.3300082 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





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Catalog no.: 22-359
Product name: 3-Methoxy-6-methylflavone
Lot No.: 1212282



SOLVENT CDCl₃
NS 16
DS 0
SWH 10330.578 Hz
FIDRES 0.344375 Hz
AQ 1.4519532 sec
RG 20.2
DK 48-400 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

KM-26
1H IN CDCl₃
AVANCE-600

==== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SE01 600.334193 MHz
SI 32765
SF 600.3300082 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

